

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification below as follows.

Please replace paragraph [0009] in the specification with the following replacement paragraph marked up to show changes relative to the immediate prior version.

[0009] Further provided herein is a polynucleotide comprising a first polynucleotide comprising encoding an immunostimulatory factor that is differentially expressed in an antigen presenting cell and comprising or corresponding to a tag shown in Table 1 or its complement. In one embodiment, the first polynucleotide encodes a factor selected from the group consisting of PARC, TARC, monocyte chemoattractant protein-4 (M[[D]]CP-4), MDC, e[[s]]calectin, MCP-2 or a biologically active fragments thereof. The polynucleotides can further comprise a first and second promoter, wherein the first and second polynucleotides are under the transcriptional control of the first and second promoters, respectively.

Please replace paragraph [0010] in the specification with the following replacement paragraph marked up to show changes relative to the immediate prior version.

[0010] Also provided by this invention is a polynucleotide comprising a first polynucleotide comprising encoding an immunostimulatory factor that is differentially expressed in an antigen presenting cell ~~that is differentially expressed in an antigen presenting cell~~ and comprising or corresponding to a tag shown in Table 1 and second polynucleotide that modulates the expression of the first polynucleotide. Further provided is a polynucleotide comprising a first polynucleotide encoding an antigen and a second polynucleotide that modulates the expression of a third polynucleotide which encodes an immunostimulatory factor that is differentially expressed in an antigen presenting cell, wherein the third polynucleotide comprises or corresponds to a tag shown in Table 1. The first polynucleotide may encode PARC, monocyte

chemoattractant protein-4 (MCP-4), MDC, eukallectin, MCP-2, or a biologically active fragments thereof. Also provided herein, is a polynucleotide comprising a first polynucleotide encoding an engineered protein or polypeptide that binds to a cell surface protein of antigen presenting cells thereby modulating either directly or indirectly by a signal transduction pathway and a second polynucleotide an immunostimulatory factor that is differentially expressed in an antigen presenting cell and comprising or corresponding to a tag shown in Table 1. Promoters can be operatively linked to direct expression thereof.